

ABSTRACT OF THE DISCLOSURE

A method of preparing an amine-free emulsion of alkaline earth metal sulfonates is disclosed. A solution of water and a nonionic, associative thickener of the type normally used for viscosity and thixotropy modification of latex compounds is combined with an overbased or neutral earth metal sulfonate or sulfonate complex to produce the emulsion. Mixtures of these emulsified products with other ingredients such as neutral diluent oils, linear alcohol/hydrocarbon mixtures, tall oil fatty acids, non-ionic surfactants, oxidized polyethylene waxes, small levels of microcrystalline wax, petrolatums, and/or calcium salts of oxidized petrolatums is also disclosed. The resulting emulsions find application in the modification of asphalt emulsions, the formulation of temporary coatings for the protection of painted automotive surfaces (transit coatings for automobiles) and in the prevention of corrosion of metal surfaces.

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